



**PATENT** 5681-69100/SUN030178

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/661,872

Filed: September 12, 2003

Inventors:
Wong, et al.

Title: SINGLE RANK MEMORY

SINGLE RANK MEMORY MODULE FOR USE IN A TWO-RANK MEMORY MODULE SYSTEM Examiner:

Trong Q Phan

Group/Art Unit: Atty. Dkt. No:

2827

5681-69100

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Stephen J. Curran

Stephen J. Curran

Printed Name

March 22, 2005

Signature Date

## INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

Sir:						
	Appli	cant requests consideration of  the references listed on the attached Form PTO-				
1449	and/or [	the additional information identified below in paragraph 3.				
		Pursuant to CFR §1.98(a)(2)(i), copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.  A copy of each non-U.S. patent and/or non-U.S. patent application publication reference listed on the Form PTO-1449 is enclosed.  The references listed on the Form PTO-1449 were previously cited in application serial no to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.				
1.	This Information Disclosure Statement is submitted:					
	a.	within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);				

			within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application; before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
	b.		after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: \(\simega\) the certification of paragraph 2 below is provided, or \(\simega\) a fee of \$180.00 is enclosed.
	c.		after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2.	It is he	reby cer	tified:
		was ci applica designa	ch item of information contained in this Information Disclosure Statement ted in a communication from a foreign patent office in a counterpart tion and that this communication was not received by any individual ated in § 1.56(c) more than thirty (30) days prior to the filing of the ation disclosure statement;
		was ci	ch item of information contained in this Information Disclosure Statement ted in a communication from a foreign patent office in a counterpart application not more than three (3) months prior to the filing of the ent; or
		was cir foreign after m	item of information contained in the Information Disclosure Statement ted in a communication from a foreign patent office in a counterpart application or, to the knowledge of the person signing the certification taking reasonable inquiry, was known to any individual designated in § more than three (3) months prior to the filing of the Statement.
3.			eration of the following additional information (including any co-pending doned U.S. applications, prior uses and/or sales, etc.) is requested:
4.	For eac	h non-E	nglish language reference listed on the attached Form PTO-1449:
		referen	ce is made to an English language translation submitted herewith, and/or
			ce is made to a foreign patent office search report (in the English ge) submitted herewith, and/or
			ce is made to an English language translation of a foreign patent office report submitted herewith, and/or
			ce is made to the concise explanation contained in the specification of the application at page(s), and/or
		referen	ce is made to the concise explanation set forth below:

5.		Applicant also offers the following comments for the Examiner's consideration:
6.	$\boxtimes$	Also enclosed is a copy of a foreign search report citing these references.
7.		The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8.		Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5681-69100/SJC.

Respectfully submitted,

Stephen J. Curran Reg. No. 50,664

Agent for Applicant(s)

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C. P. O. Box 398 Austin, Texas 78767 (512) 853-8800

Date: March 22, 2005

Form PTO-1449 (Kindified)
List of Patents and Publican APAN

List of Patents and Publication
For Applicant's Information
Disclosure Statement

ATTY. DKT. NO. 5681-69100

SERIAL NO. 10/661,872

APPLICANT: Wong, et al.

GROUP: 2827

(Use several sheets if necessary)

FILING DATE: September 12, 2003

(U	se severa	al sheets if necessary)	FILING DA	TE: September 12, 2003					
		U	.S. PATENT	DOCUMENTS					
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIAT		
	B1	2002/002662	1/3/02	Olarig, et al					
	B2	6,108,745	8/22/00	Gupta, et al					
		•							
		FOR	EIGN PATE	ENT DOCUMENTS					
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES/NO		
	В3	02/28162	4/11/02	WO					
		OTHER ART (I	ncluding Autho	or, Title, Date, Pertinent Pa	ges, Etc.)				
	B4	International search report application number GB0419952.7 mailed January 19, 2005							
						•			

**EXAMINER:** 

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.